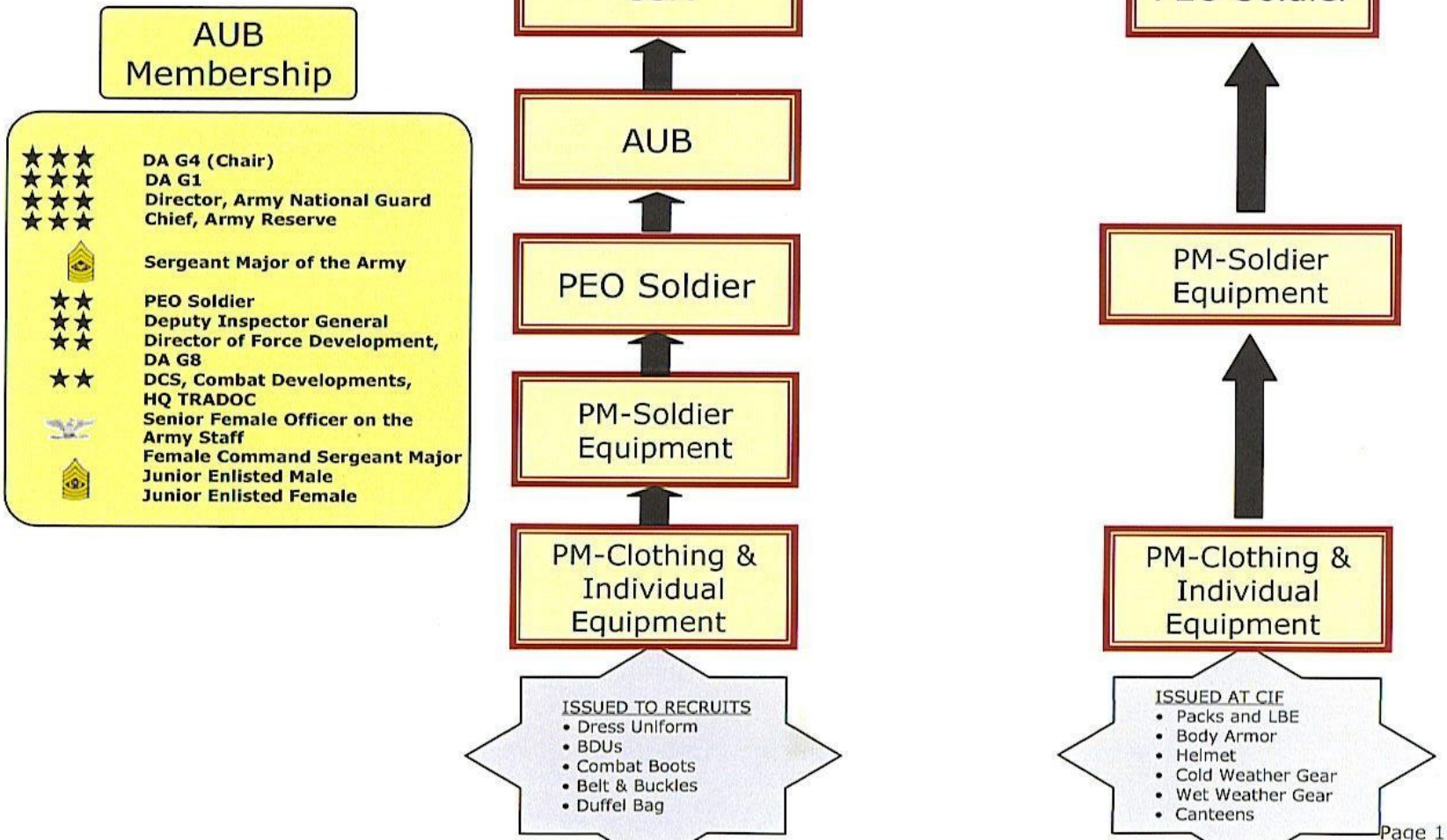
TRADOC Enlisted Update

SGM BECHELY

ARMY UNIFORM UPDATE

Current Army Development/Approval Processes



Type Classification

- **Definition:**

  Process Which Approves an Item for Army Use Prior to Procurement Funds Being Expended

- **AUB Responsibility:**

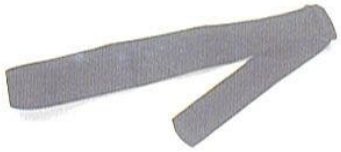
  Make a Recommendation to the CSA (Milestone Decision Authority (MDA)) Regarding the Acceptability of a Uniform Item for Army Use

Prior Army Uniform Board Authorizations

Infantry Combat Boot
In Clothing Bag – Jan 04
In Stores – Apr 04

Anti-Microbial Boot Sock
Rapid Fielding Initiative - Now
In Clothing Bag – Oct 04
In Stores – Oct 04

Optional Boot Socks
In Stores - Now



Rigger Belt
Rapid Fielding Initiative - Now
In Clothing Bag – Oct 04
In Stores – Oct 04

Lightweight, Cold Weather Underwear
for Initial Entry Soldiers
In Clothing Bag - Oct 04
In Stores – Oct 04

Overcoat
In Stores – Dec 03

Wrinkle Free BDU

Requirement Approved: 132d AUB, 22 Jan 02

#/Soldier: 2 sets Enhanced Hot Weather
2 sets Temperate

Cost per set*: $61.35 Enhanced Hot Weather
$54.95 Temperate

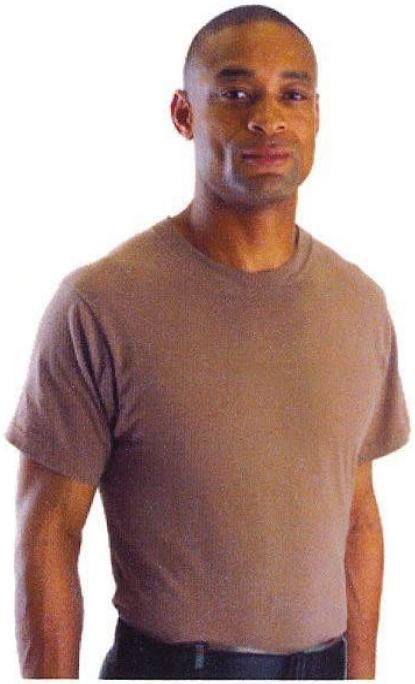
Evaluation: Nov 02 – Jan 03

* Increase of $8.00/Set

Wrinkle-Free BDUs

- **Army Evaluation Command (AEC) Collected and Analyzed Data**
  - Test and Evaluation Coordination Office, Fort Benning, Conducted User Evaluation
  - Aberdeen Test Center and Natick Conducted Technical Tests
- **AEC Recommended Approval of Wrinkle-Free BDUs**
  - 91.8% of Soldiers Preferred Wrinkle-Free BDUs
  - Both Treatment Methods Performed Satisfactorily
    - Durability
    - Colorfastness
    - Overall Performance

Moisture-Wicking T-Shirt



Requirement Approved: 133rd AUB, 16 Apr 03

#/Soldier: 7 each

Cost per T-shirt: $4.75*

Polyester Moisture-wicking Fabric

Basic, Affordable Moisture-wicking Performance

Developed by USMC Based on Army IPFU T-shirt

Approved By USMC

PEO-Soldier Fielding 465,535 Through Rapid Fielding Initiative

* Increase of $1.80/T-shirt

Moisture-Wicking T-Shirt

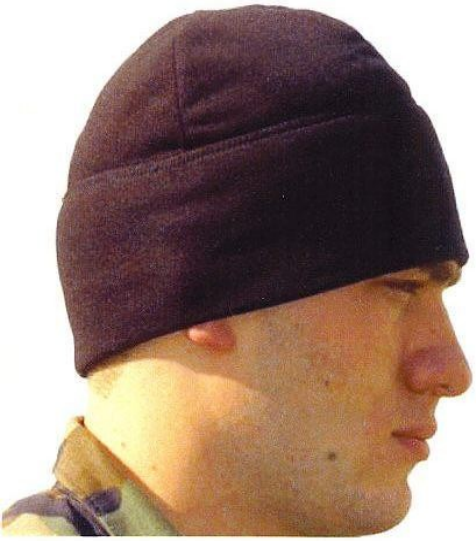
- **IMPLEMENTATION PLAN:**
  - Introduce Moisture-Wicking T-shirt in FY06 Clothing Bag
  - Retain 100% Cotton T-shirt as OCIE Item for Aircraft and Combat Vehicle Crewmembers (4 per Soldier)
  - Clearly Identify as Moisture-Wicking T-Shirt

- **RECOMMENDATIONS:**
  - Approve Moisture-Wicking T-Shirt
  - Do Not Approve
  - Other

Moisture-Wicking T-Shirt

- **USMC Collected and Analyzed Data at Camp LeJeune, NC and Marine Corps Base, Hawaii (Dec 03-Apr 03)**
- **Test Report: A Significant Improvement Over Current T-shirt**
  - Moisture-Wicking Ability: 93.5%
  - Drying Time: 95.2%
  - Fabric: 90.3 %
  - Comfort: 95.2%
  - Launderability: 80.2%
  - Overall Performance: 70.5% Said T-shirt Should be Adopted
- **Require 100% Cotton T-shirt for Aircraft and Combat Vehicle Crewmembers As OCIE**
  - Synthetic T-shirts Melt
  - Requires Additional O&M Funding For TRADOC-Training Base and for Units

Microfleece Cap



Requirement Approved: Rapid Fielding Initiative, Nov 02

#/Soldier: 1 each

Cost per cap: $4.32*

Polartec 100 Microfleece Fabric

Developed and Fielded by USMC

PEO-Soldier Fielding 120,060 Through Rapid Fielding Initiative

* Increase of $1.27/cap

Microfleece Cap

- **2 Agencies Collected and Analyzed Data**
  - USASOC Test and Evaluation Office, Fort Bragg, NC for PEO Soldier (Dec 02-Jun 03)
  - Operational Forces Interface Group for USMC (Nov 00-Apr 01)

- **Each Agency Drew the Same Conclusions**
  - Lightweight and Less Bulky
  - Compatible with Helmets (ACH and PASGT)
  - Comfortable (Warm, Fast Drying, Non-Irritating)
  - Launderability (No Shrinkage, Fast Drying)
  - Overall Performance: 94.5% Soldiers & 93.0% Marines Preferred Microfleece Cap over Current Knit Cap

Microfleece Cap

- **IMPLEMENTATION PLAN:**
  - Introduce Microfleece Cap in FY06 Clothing Bag

- **RECOMMENDATIONS:**
  - Approve Microfleece Cap to Replace Knit Cap, Wool
  - Do Not Approve
  - Other
    - **RFI**
    - **POM Cycle**
    - **FY 06 Clothing Bag**

Light Duty Utility Glove

Objective: To Improve Current Issue Utility Glove and Insert by Improving Dexterity, Tactility, Flexibility, and Grip

- **More Frequent and Vocal Complaints**
  - Same Materials as Fielded in the 1950's
  - Current Glove is Too Bulky and Lacks Dexterity
- **Soldiers Are Buying Commercial Gloves**
- **Numerous Soldier Enhancement Program (SEP) Proposals to Improve Glove**
- **TRADOC Has Never Built a Requirement for a Glove in the Clothing Bag**

Female-Sized BDUs

Requirement Approved:	**132d AUB, 22 Jan 02**
#/Female Soldier:	**2 sets Enhanced Hot Weather** **2 sets Temperate**
Cost per pair:	**$61.35 Enhanced Hot Weather** **$54.95 Temperate**
In the Clothing Bag –	Oct 05*
In the Store –	Oct 05*
Current Status:	**Wear Test 9 Sizes (S/S, S/R, S/L, M/S, M/R, M/L and L/S, L/R, L/L)**

Conduct 30-day Wear Test 2QFY04 (Ft Jackson, SC and Ft Lee, VA)

Decision: Specification Change Follows Pattern Validation

* New sizes introduced concurrently w/Wrinkle Free BDU

Combat Uniform

- **Short Term Objective: Improve the Functionality of the Current Battledress Uniform**
- **Long Term Objective: Basic Platform to Insert New Technology (Spiral Development)**
  - Improved Visual/Infra-Red Signature Reduction
  - Integrated Tourniquets
  - Thermal Signature Reduction
  - Nanotechnology Enhanced Water Repellency

Combat Uniform
Current Configuration

Slide Fastener Front

Remove Lower Jacket Pockets

Shorter Jacket Profile

Remove Rear Trouser Pockets

Integrated Knee Protection

Add Lower Trouser Pockets

"Mandarin" Collar Design

Side Entrance Breast Pockets

Add Shoulder Pockets

Integrated Elbow Protection

Redesign Upper Trouser Pockets

Multi-environment Camouflage

- Standard Woodland
- Standard Desert
- Urban Track
- Scorpion

Army Blue Class A Concepts

Option 1
Dark on Light

- Current Army Blue Coat
- All Trousers/Skirt/Slacks Color Contrasting Light Blue
- White or Grey Military Shirt

Option 2
Dark on Dark

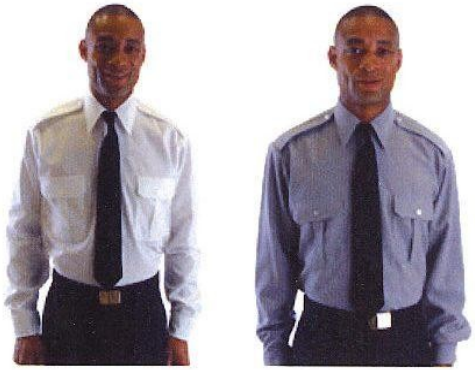
- Current Army Blue Coat
- Trousers/Skirt/Slacks Color Match Dark Blue Coat
- White or Grey Military Shirt

Army Blue Class B Concepts

Option 1
White or Grey
Shirt on Light

- All Trousers/Skirt/Slacks Color Contrasting Light Blue
- White or Grey Military Shirt

Option 2
White or Grey
Shirt on Dark



- Trousers/Skirt/Slacks Color Matches Dark Blue Coat
- White or Grey Military Shirt